

Table 1. Specifications of the Recording Current Meters (RCMs) and Microcat CTD used in the OOS-Current meter moorings.

RCM Type	Parameter	Range	Resolution	Accuracy
RCM -7	Conductivity	0 to 7.4 S/m	0.007 S/m	±0.007 S/m
	Pressure	0-20 MPa	20 KPa	±5.0 Kpa
	Temperature:			
	Low range	-2 to 22 °C	0.02 °C	± 0.05 °C
	Wide range	-1 to 32 °C	0.03 °C	± 0.05 °C
	Current speed	0 to 300 cm/s	0.3 cm/s	± 2% reading
	Current direction	0 to 360 deg.	0.35 deg. mag	± 7.5 deg. mag.
RCM -8	Conductivity	0 to 7.4 S/m	0.007 S/m	±0.007 S/m
	Pressure	10000 psi	10.0 psi	±15.0 psi
	Temperature:			
	Low range	-2 to 22 °C	0.02 °C	± 0.05 °C
	Wide range	-1 to 32 °C	0.03 °C	± 0.05 °C
	Current speed	2 to 295 cm/s	0.3 cm/s	±2% reading
	Current direction	0 to 360 deg.	0.35 deg. mag	±7.5 deg. mag.
RCM -11	Conductivity	0 to 7.4 S/m	0.0074 S/m	±0.015 S/m
	Pressure	10000 psi	10.0 psi	±15.0 psi
	Temperature:			
	Low range	-2 to 22 °C	0.02 °C	±0.05 °C
	Wide range	-1 to 33 °C	0.03 °C	±0.05 °C
	Current speed	0 to 300 cm/s	0.3 cm/s	±1% reading
	Current direction	0 to 360 deg.	0.35 deg. mag	±7.5 deg. mag.
Microcat CTD (SBE 37-SM)	Conductivity	0 to 7 S/m	0.00001 S/m	±0.0003 S/m
	Temperature	-5 to 35 °C	0.0001 °C	±0.002 °C
	Depth capability (titanium housing)	7000 m	---	---

Table 2. Specifications of the CTD operated during the OOS-Current meter moorings and multi-disciplinary surveys.

Instrument	Parameter	Range	Resolution	Accuracy
CTD (SBE model 911 plus)	Conductivity	0 to 7 S/m	0.00004 S/m	±0.0003 S/m
	Temperature	-5 to 35 °C	0.0002 °C	±0.01 °C
	Depth rating	Up to 6800 m depth	0.001%	±0.015%

Table 3. Status of deep-sea current meter moorings since 2000 (the last column is to be updated by Mr. MSS Sarma).

Station No.	Duration of the moorings at each location					
	D: Deployment			R: Recovery		
	2000	2000-02	2002-03	2003-04	2004-05	2006-08
EQCM 1 [Equator, 93°E]	D 13 Feb. to R 21 Dec.	D 23 Dec. to R 30 Mar.	D 01 Apr. to R 23 Sep.	D 25 Sep. to R 05 Nov.	D 07 Nov. to R 13 Sep.	D 15 Sep. to R ... 2008
EQCM 2 [Equator, 83°E]		D 14 Dec. to R 24 Mar.	D 26 Dec. to R 17 Sep.	D 19 Sep. to R 24 Oct.	D 26 Oct. to R 19 Sep.	D 21 Sep. to R ... 2008
EQCM 3 [Equator, 76°E]			D 20 Mar. to R 08 Sep.	-----	-----	-----
EQCM 3A [Equator, 77°E]				D 10 Sep. to R 17 Oct.	D 18 Oct. to R 25 Sep.	D 27 Sep. to R ... 2008